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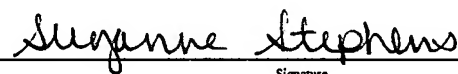
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January 6, 2005

FILE: 2086.003400

Commissioner for Patents
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| CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 | |
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| DATE OF DEPOSIT: | January 7, 2005 |
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RE: *U.S. Patent Application Entitled "METHOD AND APPARATUS FOR
CONTEMPORANEOUS UTILIZATION OF HIGHER ORDER PROBE IN PRE-
STACK AND POST-STACK SEISMIC DOMAINS"*
Inventor(s): Irina A. Marin and Thomas Gehrman
Client Reference: 53.0031

Sir:

Transmitted herewith for filing are:

- (1) Supplemental Information Disclosure Statement;
- (2) PTO 1449; and
- (3) Reference

All correspondence, notices, official letters and other communications should be directed to Jeffrey A. Pyle, Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, TX 77042, and all telephone calls should be directed to Jeffrey A. Pyle at (713) 934-4053.

It is believed that no fee is due; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason, the Commissioner is authorized to deduct said fees from Williams, Morgan & Amerson, P.C. Deposit Account No.50-0786/2086.003400/JAP.

WILLIAMS, MORGAN & AMERSON, P.C.

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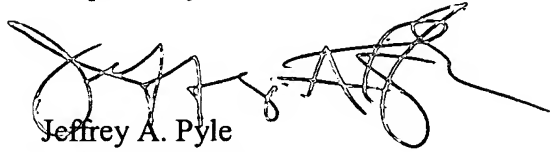
January 6, 2005

Page 2

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Respectfully submitted,



Jeffrey A. Pyle
Reg. No. 34,904

JAP:sbs

Encl.

cc: Ms. Rebecca Tanis (w/o encl.)
WesternGeco, Houston



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
IRINA A. MARIN
THOMAS GEHRMANN

Serial No.: 10/661,897

Filed: 9/12/2003

For: METHOD AND APPARATUS FOR
CONTEMPORANEOUS UTILIZATION
OF HIGHER ORDER PROBE IN PRE-
STACK AND POST-STACK SEISMIC
DOMAINS

Group Art Unit: 2857

Examiner: Unknown

Atty. Dkt. No.: 2086.003400/JAP
(53.0031)

CUSTOMER NO. 23720

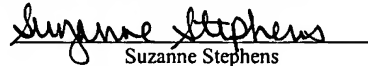
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 1, 2005.


Suzanne Stephens

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed articles required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner. Because the filing date of the present application is after June 30, 2003, copies of the listed U.S. patents are not included.

In accordance with 37 C.F.R §§ 1.97(g),(h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

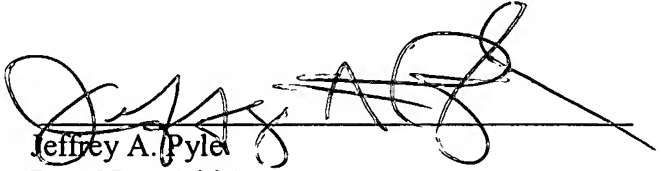
The present Supplemental Information Disclosure Statement is being filed within three months of the filing date of this patent application or prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Supplemental Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Director is hereby authorized to deduct said fees from Williams, Morgan & Amerson, P.C., Deposit Account No. 50-0786/2086.003400/JAP.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

Date: January 7, 2005

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Form PTO-1449 (modified)



List of Patents and Publications for Applicant's

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

2086.003400

Serial No.

10/661,897

Applicant

IRINA A. MARIN ET AL.

Filing Date:

9/12/03

Group:

2857

U.S. Patent Documents

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Foreign Patent Documents

See Page 1

Other Art

See Page 1

U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|----------|----------------|-------|-----------|---------------------|
| | A1 | 6,535,818 | 3/18/03 | Baeten | 702 | 17 | 12/18/98 |
| | A2 | 3,622,967 | 11/23/71 | Foster | 340 | 15/5 | 11/7/68 |
| | A3 | 5,392,213 | 2/21/95 | Houston, et al | 364 | 421 | 10/23/92 |
| | A4 | | | | | | |
| | A5 | | | | | | |

Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Country | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|------|---------|-------|-----------|--------------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|-------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | C1 | Schoenberger M: "Optimum Weighted Stack for Multiple Suppression" Geophysics, Society of Exploration Geophysicists. Tulsa, U.S., Vol. 61, No. 3, 5/1/96, Pages 891-901, XP000620778, ISSN: 0016-8033 |
| | C2 | |
| | C3 | |
| | C4 | |
| | C5 | |

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.